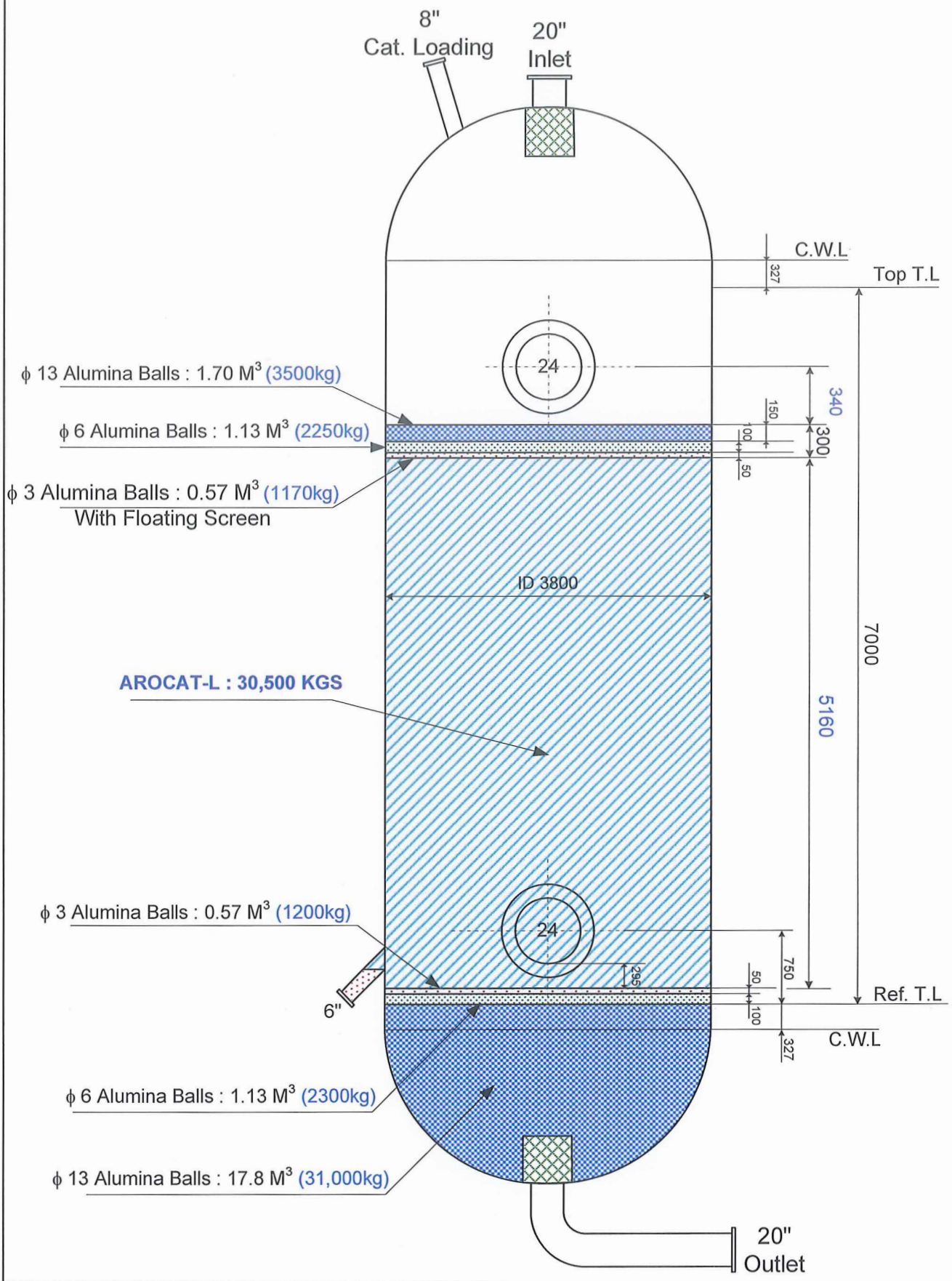
R-3203 FINISHING REACTOR
2018 Loading Plan



Material	Weight, kg	SAP #
CDTech AROCAT Type-L	30,500	10708083
T-99 3mm (1/8") Balls	2,370	10695764
T-99 6mm (1/4") Balls	4,550	10695765
T-99 13mm (1/2") Balls	34,500	10695766

Date : 23 July 2017 (Rev-1)
Author: Syef Huyon

Vessel Loading Information and Signatures Sheet

Vessel #: R-3203 Loading Date:	Loading Contractor	Process Engineering	Reliability	Comments
Proper catalyst and balls located	x	x		
Loading procedure and diagram have been reviewed	x	x		
Vessel is clean, bottom screens in good condition		x		
Liquid outlet distributor removed	N/A	N/A	N/A	N/A
Vessel 10-year inspection has been completed			x	
Bottom 6" dump nozzle blind flange is gasketed and boxed up	x	x		
All thermowells and sample probes installed prior to loading	x	x	x	
Bottom Diffuser in good condition	x	x	x	
Bottom inert balls loaded Type: **13 mm (1/2") T-99** Required Quantity: **31,000 Kg** Actual Quantity: Outage to top of balls:_____mm	x	x		
Bottom inert balls loaded Type: **6 mm (1/4") T-99** Required Quantity: **2,300 Kg** Actual Quantity: Outage to top of balls:_____mm	x	x		
Bottom inert balls loaded Type: **3 mm (1/8") T-99** Required Quantity: **1,200 Kg** Actual Quantity: Outage to top of balls:_____mm	x	x		
Catalyst loaded Type: **CD Tech AROCAT Type-L (Loose)** Required Quantity: **30,500 Kg** Actual Quantity: Outage to top of catalyst:_____mm	x	x		
Install 20 mesh SS on the Top of Catalyst Bed Outage to top of screen: mm	x	x		
Top inert balls loaded Type: **3 mm (1/8") T-99** Required Quantity: **1,170 Kg** Actual Quantity: Outage to top of balls:_____mm	x	x		
Top inert balls loaded Type: **6 mm (1/4") T-99** Required Quantity: **2,250 Kg** Actual Quantity: Outage to top of balls:_____mm	x	x		
Top inert balls loaded Type: **13 mm (1/2") T-99** Required Quantity: **3,500 Kg** Actual Quantity: Outage to top of balls:_____mm	x	x		
Top nozzle closed and catalyst protected from the weather	x	x		

Vessel Loading Tally Sheet

Vessel #:	R-3203
Loading Date:	

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Material Type	Bag #	Drum #	Lot #	Net Weight	Cumulative Weight	Remarks